



Filename: SCB14LY57WDMV40K

Manufacturer: SAYLITE-TEXAS FLUORESCENTS REINVENTED

Lamp: LED Module

Lamp Output: Total luminaire Lumens: 4696.1

Max Candela: 1,569.7 at Horizontal: 190°, Vertical: 3°

Input Wattage: 57.5

Luminous Opening: Rectangle w/Luminous Sides (L: 48.03", W: 12.2", H: 3.15")

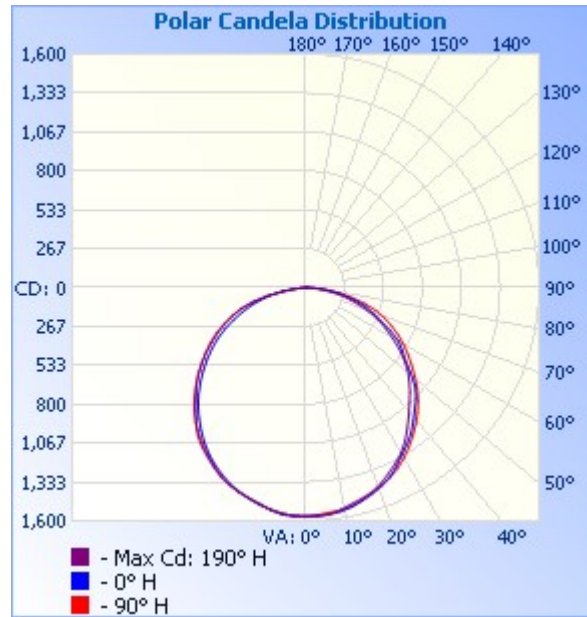
Test: SCB14LY57WDMV40K

Test Date: 07-Sep-2018 08:29:35

Test Lab: Radiant Vision Systems ProSource

Photometry : Type C

Nema Type: 7 X 7



Roadway Summary

Cutoff Classification:	N/A	
Distribution:	Type VS	
Max Cd, 90 Deg Vert:	28.7	
Max Cd, 80 to <90 Deg:	259.1	
	Lumens	% Lamp
Downward Street Side:	2,377.2	50.6%
Downward House Side:	2,316.4	49.3%
Downward Total:	4,693.7	99.9%
Upward Street Side:	1.9	0%
Upward House Side:	1.3	0%
Upward Total:	3.2	0.1%
Total Lumens:	4,696.9	100%

Flood Summary

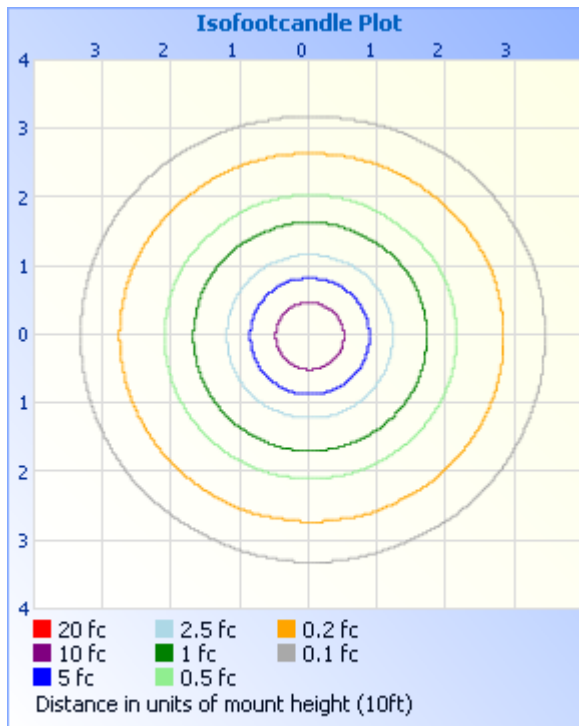
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	98.7%	4,636.5	164.6	164.6
Beam (50%):	72.8%	3,416.8	117.9	113.5
Total:	100%	4,694.8		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,218.7	26%
0-40	2,001.0	42.6%
0-60	3,577.7	76.2%
60-90	1,115.2	23.7%
70-100	508.9	10.8%
90-120	3.2	0.1%
0-90	4,692.8	99.9%
90-180	3.2	0.1%
0-180	4,696.1	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	147.9	3.1%	90-100	3.2	0.1%
10-20	425.8	9.1%	100-110	0.0	0%
20-30	644.9	13.7%	110-120	0	0%
30-40	782.3	16.7%	120-130	0	0%
40-50	821.3	17.5%	130-140	0	0%
50-60	755.4	16.1%	140-150	0	0%
60-70	609.5	13.0%	150-160	0	0%
70-80	392.0	8.3%	160-170	0	0%
80-90	113.7	2.4%	170-180	0	0%



	Center Beam fc	Beam Width	
1.7R	542 fc	5.2 ft	5.6 ft
3.3R	144 fc	10.1 ft	11.0 ft
5.0R	62.7 fc	15.2 ft	16.6 ft
6.7R	34.9 fc	20.4 ft	22.3 ft
8.3R	22.7 fc	25.3 ft	27.6 ft
10.0R	15.7 fc	30.5 ft	33.2 ft

■ Vert. Spread: 113.5°
■ Horiz. Spread: 117.9°

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.08	1.03	.99	.95	1.05	1.01	.97	.83	.97	.93	.90	.93	.90	.87	.89	.87	.85	.82
2	.98	.89	.82	.76	.95	.87	.81	.69	.84	.78	.74	.81	.76	.72	.77	.74	.70	.68
3	.89	.78	.70	.63	.87	.77	.69	.59	.73	.67	.61	.71	.65	.60	.68	.63	.59	.57
4	.81	.69	.60	.53	.79	.68	.59	.50	.65	.58	.52	.63	.56	.51	.61	.55	.50	.48
5	.75	.62	.52	.45	.73	.60	.52	.43	.58	.51	.45	.56	.49	.44	.54	.48	.44	.42
6	.69	.55	.46	.40	.67	.54	.46	.38	.53	.45	.39	.51	.44	.39	.49	.43	.38	.36
7	.64	.50	.41	.35	.62	.49	.41	.34	.48	.40	.34	.46	.39	.34	.45	.39	.34	.32
8	.59	.46	.37	.31	.58	.45	.37	.30	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9	.56	.42	.34	.28	.54	.41	.33	.27	.40	.33	.28	.39	.32	.27	.38	.32	.27	.25
10	.52	.39	.31	.25	.51	.38	.30	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23

Candela Table - Type C

	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210
0	1567	1567	1567	1567	1567	1567	1567	1567	1567	1567	1567	1567	1567	1567	1567	1567	1567	1567	1567	1567	1567	1567
3	1566	1566	1565	1563	1562	1561	1560	1559	1559	1559	1560	1561	1562	1563	1565	1566	1568	1569	1569	1570	1570	1569
6	1563	1562	1560	1558	1555	1553	1551	1550	1550	1550	1550	1550	1552	1554	1556	1559	1562	1563	1564	1563	1563	1562
9	1552	1551	1549	1545	1542	1541	1541	1543	1544	1544	1543	1540	1539	1539	1540	1541	1543	1541	1542	1541	1543	1542
12	1534	1532	1529	1527	1527	1527	1529	1532	1533	1532	1529	1525	1523	1523	1524	1523	1520	1516	1515	1516	1521	1525
15	1510	1505	1504	1506	1507	1510	1513	1515	1510	1506	1502	1503	1503	1504	1505	1506	1504	1497	1494	1495	1502	1506
18	1484	1479	1475	1484	1487	1491	1495	1495	1485	1474	1474	1478	1479	1479	1475	1479	1481	1479	1472	1473	1474	1476
21	1456	1453	1449	1459	1464	1463	1468	1469	1460	1449	1448	1452	1451	1445	1439	1440	1442	1444	1442	1438	1437	1439
24	1420	1425	1418	1416	1426	1427	1427	1429	1427	1424	1420	1420	1415	1404	1395	1389	1394	1401	1405	1395	1396	1400
27	1373	1387	1376	1375	1390	1392	1390	1386	1385	1389	1386	1378	1373	1362	1356	1348	1348	1361	1366	1354	1351	1359
30	1322	1340	1335	1335	1346	1348	1351	1350	1341	1347	1346	1334	1331	1322	1320	1313	1308	1317	1322	1309	1301	1310

33	1277	1291	1293	1289	1295	1297	1303	1306	1297	1301	1301	1288	1292	1286	1284	1279	1257	1254	1271	1253	1246	1268
36	1230	1237	1244	1238	1245	1252	1255	1250	1251	1252	1250	1246	1247	1234	1229	1236	1198	1181	1217	1186	1195	1231
39	1174	1177	1191	1180	1195	1206	1210	1200	1204	1201	1198	1198	1182	1169	1156	1168	1148	1121	1160	1123	1154	1169
42	1118	1112	1126	1127	1142	1145	1156	1146	1149	1147	1140	1135	1124	1115	1100	1096	1091	1068	1101	1064	1103	1098
45	1070	1047	1066	1072	1086	1078	1085	1087	1085	1090	1081	1073	1074	1072	1059	1027	1037	1012	1038	1011	1033	1027
48	1010	990	1016	1013	1029	1017	1014	1028	1019	1029	1024	1013	1020	1010	1007	970	969	954	972	956	963	971
51	926	940	951	947	963	958	955	967	963	963	966	948	955	933	931	918	884	897	903	900	883	921
54	844	877	884	869	889	894	900	903	904	897	898	884	887	865	847	848	819	831	834	834	820	842
57	790	804	806	805	825	824	841	834	839	836	833	819	825	803	784	770	754	764	766	762	752	766
60	736	733	730	739	753	754	769	770	769	775	769	753	760	735	720	689	687	695	695	686	686	688
63	655	660	666	669	673	690	700	706	705	711	703	694	693	663	637	623	628	623	619	616	626	621
66	568	574	590	600	607	623	633	640	642	645	633	634	619	596	565	565	554	547	541	547	548	560
69	502	501	518	520	539	549	565	573	577	579	569	568	543	524	501	491	482	470	465	471	474	482
72	441	441	446	448	473	482	495	501	509	505	506	497	476	459	446	420	411	394	392	391	403	409
75	368	373	370	382	399	414	413	416	420	419	422	414	399	397	376	352	337	321	319	318	328	339
78	287	294	300	317	324	329	330	321	319	322	322	320	313	317	300	290	268	250	244	250	258	274
81	219	225	245	258	259	256	252	249	233	236	229	234	226	230	220	221	201	170	160	167	186	191
84	144	157	166	174	161	161	159	152	152	147	145	137	145	137	130	148	129	113	91	106	107	108
87	76	88	82	78	76	73	69	63	71	73	69	55	64	58	58	61	57	54	31	42	34	29
90	28	29	24	21	22	23	21	20	25	27	23	19	17	11	14	17	15	19	3	2	2	1
93	0	7	5	6	7	7	6	4	5	4	4	5	4	5	6	5	4	6	1	0	0	0
96	0	2	3	3	3	4	2	2	1	2	2	2	2	3	4	1	1	2	0	0	0	0
99	0	0	1	2	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0
102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

